

[54] **TREATMENT OF COMMINUTED
PROTEINACEOUS MATERIAL UNDER THE
INFLUENCE OF AN ELECTRIC FIELD**

[75] Inventor: **Richard W. Oughton**, Odessa, Canada

[73] Assignee: **Du Pont of Canada, Limited**,
Montreal, Canada

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204/299 R, 300 R; 260/112 G, 112 R, 123.5;
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[57]

ABSTRACT

A process for the separation of comminuted proteinaceous material from an admixture thereof with solvent is disclosed. An admixture of the material and the solvent is subjected to a high voltage electric field between an anode and a cathode, thereby depositing at least part of the material on at least the anode. The solvent is an aliphatic hydrocarbon containing from 5 to 8 carbon atoms or a normally liquid chlorofluorocarbon containing 1 or 2 carbon atoms. The proteinaceous material may be wheat, rye, barley, triticale, rice, peas, beans, soya beans, sesame seeds, peanuts, sunflower seeds, whey powder, corn, rapeseed, sorghum, flax and buckwheat. In an embodiment the fraction is in the form of a dispersion, e.g. fines, in the solvent.

23 Claims, No Drawings